

said plurality of channels include uplink traffic channels for transmitting a data packet from each mobile terminal to said base station, a reservation channel for transmitting a reservation packet representative of a traffic channel allocation request from each mobile terminal to said base station, and an answer channel for transmitting an answer packet indicating an uplink traffic channel via which a data packet is transmitted from said base station to each mobile terminal; and

a spreader that spreads a common transmission power control signal and transmitting said spread common transmission power control signal via said answer channel, said common transmission power control signal containing transmission power control signals of said uplink traffic channels.

7. A spectrum spreading communication system according to claim 6, wherein:

said answer packet contains an ID of a corresponding mobile terminal which transmitted said reservation packet, information of said uplink traffic channel allocated by said base station, and initial transmission power control information indicating a transmission power when said data packet starts being transmitted; and

said initial transmission power control information is generated in accordance with a reception power of said reservation packet at said base station.

8. A spectrum spreading communication system according to claim 6, wherein said common transmission power control signal is inserted in said answer channel at a predetermined interval.

9. A base station for communicating with a plurality of mobile terminals by CDMA, comprising:

a reception circuit for receiving a data packet transmitted from each of said plurality of mobile terminals, said plurality of said mobile terminals transmitting over uplink traffic channels to said base station;

a unit for measuring the reception level of said received data packet;

a generator for generating a transmission power control signal in accordance with said measured reception level of said data packet and a common transmission power control signal containing said generated transmission power control signals of said plurality of mobile terminals;

a spreader that spreads said common transmission power control signal; and

a transmission circuit for transmitting said spread common transmission power control signal through a common channel shared by said plurality of mobile terminals.

10. A base station according to claim 9 wherein said reception circuit includes an acquisition/despread circuit for demodulating a spectrum spread signal, and said transmission circuit includes a spreader for spectrum spreading said common transmission power control signal.

11. A base station for communicating with a plurality of mobile terminals by CDMA, comprising:

a reception circuit for receiving a data packet transmitted from each of said plurality of mobile terminals, said plurality of said mobile terminals transmitting over uplink traffic channels to said base station;

a unit for measuring the reception level of said received data packet;

a generator for generating a transmission power control signal in accordance with said measured reception level

of said data packet and a common transmission power control signal containing said generated transmission power control signals of said plurality of mobile terminals;

a spreader that spreads said common transmission power control signal; and

a transmission circuit for transmitting said spread common transmission power control signal through a common channel shared by said plurality of mobile terminals, as part of control information.

12. A base station for communicating with a plurality of mobile terminals by CDMA, comprising:

a first reception circuit for receiving a reservation packet representative of a transmission request for a data packet to be transmitted from each of said plurality of mobile terminals, said plurality of said mobile terminals transmitting over uplink traffic channels to said base station;

second reception circuits for receiving data packets transmitted from said plurality of mobile terminals;

a unit for measuring the reception level of said received data packet;

a traffic channel transmission power control signal generator for generating a transmission power control signal in accordance with said measured reception level of said data packet and a common transmission power control signal containing said generated transmission power control signals to be transmitted to said plurality of mobile terminals;

a spreader that spreads said common transmission power control signal; and

a transmission circuit for transmitting said spread common transmission power control signal through a common channel shared by said plurality of mobile terminals.

13. A base station according to claim 12, wherein said transmission circuit transmits an answer packet indicating a traffic channel via which each mobile terminal transmits said data packet, said answer packet being generated after the interpretation of said reservation packet received by said first reception circuit.

14. A base station according to claim 13, further comprising:

a unit for measuring the reception level of said received reservation packet; and

a reservation channel transmission power control signal generator for generating an initial transmission power control signal in accordance with said measured reception level of said reservation packet,

wherein said initial transmission power control signal is contained in said answer packet.

15. A mobile terminal for communicating with a base station by CDMA, comprising:

a reception circuit for receiving a common transmission power control signal that is spread by a spreader and transmitted through a common channel shared by a plurality of said mobile terminals from said base station, said common transmission power control signal containing transmission power control signals of said plurality of mobile terminals transmitting over uplink traffic channels to said base station;

a calculator for calculating a gain in accordance with a transmission power control signal destined to the mobile terminal and derived from said spread common transmission power control signal; and